

Welcome to STN International! Enter x:x

LOGINID:ssspta1619lxw

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Apr 08 "Ask CAS" for self-help around the clock
NEWS 3 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4 Apr 09 ZDB will be removed from STN
NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and
IFIUDB
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and
ZCAPLUS
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 9 Jun 03 New e-mail delivery for search results now available
NEWS 10 Jun 10 MEDLINE Reload
NEWS 11 Jun 10 PCTFULL has been reloaded
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;
saved answer sets no longer valid
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY
NEWS 15 Jul 30 NETFIRST to be removed from STN
NEWS 16 Aug 08 CANCERLIT reload
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18 Aug 08 NTIS has been reloaded and enhanced
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file
NEWS 25 Sep 16 Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 26 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 27 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 28 Oct 21 EVENTLINE has been reloaded
NEWS 29 Oct 24 BEILSTEIN adds new search fields
NEWS 30 Oct 24 Nutraceuticals International (NUTRACEUT) now available on
STN
NEWS 31 Oct 25 MEDLINE SDI run of October 8, 2002
NEWS 32 Nov 18 DKILIT has been renamed APOLLIT
NEWS 33 Nov 25 More calculated properties added to REGISTRY

NEWS EXPRESS October 14 CURRENT WINDOWS VERSION IS V6.01,
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002

NEWS HOURS STN Operating Hours Plus Help Desk Availability
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NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 08:36:54 ON 26 NOV 2002

=> fil reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 08:36:59 ON 26 NOV 2002
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 25 NOV 2002 HIGHEST RN 474450-88-9
DICTIONARY FILE UPDATES: 25 NOV 2002 HIGHEST RN 474450-88-9

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> screen 963 AND 1006

L1 SCREEN CREATED

=>
Uploading C:\STNEXP4\QUERIES\phenyl.str

L2 STRUCTURE UPLOADED

=> que L2 AND L1

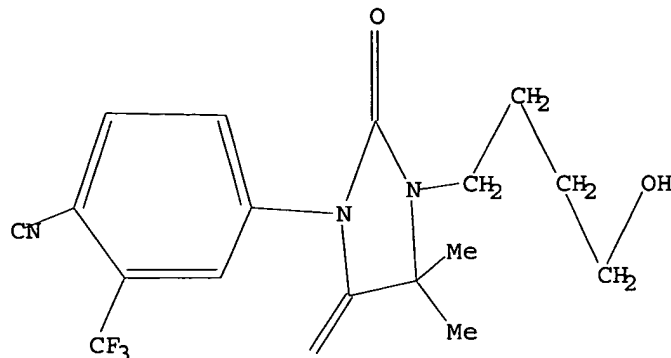
L3 QUE L2 AND L1

=> d

L3 HAS NO ANSWERS

L1 SCR 963 AND 1006

L2 STR



Structure attributes must be viewed using STN Express query preparation.

L3 QUE L2 AND L1

=> s 13

SAMPLE SEARCH INITIATED 08:37:19 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 0 TO 0

PROJECTED ANSWERS: 0 TO 0

L4 0 SEA SSS SAM L2 AND L1

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> screen 963 AND 1006

L5 SCREEN CREATED

=>

Uploading C:\STNEXP4\QUERIES\phenyl.str

L6 STRUCTURE UPLOADED

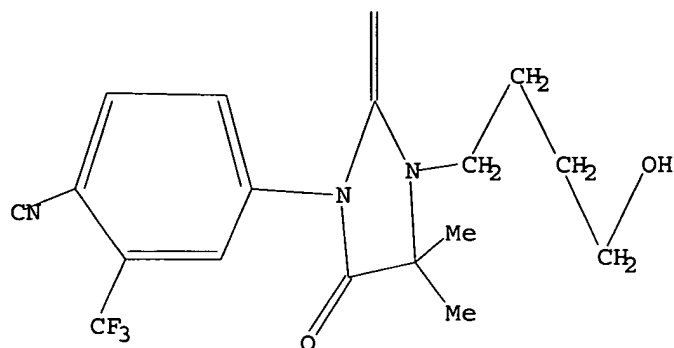
=> que L6 AND L5

L7 QUE L6 AND L5

=> d 17

L7 HAS NO ANSWERS

L5
L6 SCR 963 AND 1006
STR



Structure attributes must be viewed using STN Express query preparation.
L7 QUE L6 AND L5

=> s 17
SAMPLE SEARCH INITIATED 08:37:57 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 2 TO ITERATE

100.0% PROCESSED 2 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 2 TO 124
PROJECTED ANSWERS: 0 TO 0

L8 0 SEA SSS SAM L6 AND L5

=> d 17 full
L7 HAS NO ANSWERS
'FULL ' IS NOT A VALID STRUCTURE FORMAT KEYWORD
Structure Formats
SIA ----- Structure Image, Attributes, and map table if it contains
data. (Default)
SIM ----- Structure Image.
SAT ----- Structure ATtributes and map table if it contains data.
SCT ----- Structure Connection Table and map table if it contains
data.
SDA ----- All Structure Data (image, attributes, connection table and
map table if it contains data).
NOS ----- NO Structure data.
ENTER STRUCTURE FORMAT (SIA), SCT, SDA, SIM, SAT, NOS:end

=> s 17 full
FULL SEARCH INITIATED 08:38:08 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 30 TO ITERATE

100.0% PROCESSED 30 ITERATIONS 3 ANSWERS
SEARCH TIME: 00.00.01

L9 3 SEA SSS FUL L6 AND L5

=> fil caplus uspatfull biosis embase medline

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

140.66

140.87

FILE 'CAPLUS' ENTERED AT 08:38:19 ON 26 NOV 2002
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FILE 'USPATFULL' ENTERED AT 08:38:19 ON 26 NOV 2002
CA INDEXING COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'BIOSIS' ENTERED AT 08:38:19 ON 26 NOV 2002
COPYRIGHT (C) 2002 BIOLOGICAL ABSTRACTS INC. (R)

FILE 'EMBASE' ENTERED AT 08:38:19 ON 26 NOV 2002
COPYRIGHT (C) 2002 Elsevier Science B.V. All rights reserved.

FILE 'MEDLINE' ENTERED AT 08:38:19 ON 26 NOV 2002

=> s 19

L10 61 L9

=> dup rem l10

PROCESSING COMPLETED FOR L10

L11 42 DUP REM L10 (19 DUPLICATES REMOVED)

=> d ibib

L11 ANSWER 1 OF 42 USPATFULL

ACCESSION NUMBER: 2002:259463 USPATFULL

TITLE: Methods and compositions for the treatment of alopecia
and other disorders of the pilosebaceous apparatus
INVENTOR(S): Krajcik, Rozlyn A., Poughquag, NY, UNITED STATES
Orentreich, Norman, New York, NY, UNITED STATES

PATENT ASSIGNEE(S): Orentreich Foundation for the Advancement of Science,
Inc., New York, NY, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
--	--------	------	------

PATENT INFORMATION:	US 2002143039	A1	20021003
APPLICATION INFO.:	US 2002-73607	A1	20020211 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2001-US5653, filed on 23 Feb 2001, UNKNOWN		

	NUMBER	DATE
--	--------	------

PRIORITY INFORMATION:	US 2000-184398P	20000223 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	AKIN, GUMP, STRAUSS, HAUER & FELD, L.L.P., ONE SQUARE, 2005 MARKET STREET, SUITE 2200, PHILADELPHIA, PA, 19103	
NUMBER OF CLAIMS:	30	
EXEMPLARY CLAIM:	1	
LINE COUNT:	772	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 2 ibib

L11 ANSWER 2 OF 42 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2002:332904 BIOSIS
DOCUMENT NUMBER: PREV200200332904
TITLE: Antiandrogen targeting to the hair follicle.
AUTHOR(S): Muenster, U. (1); Jores, K.; Mehnert, W.; Schaller, M.;
Korting, H. C.; Schaefer-Korting, M. (1)
CORPORATE SOURCE: (1) Dept. of Pharmacy (Pharmacology), Freie Universitaet,
D-14195, Berlin Germany
SOURCE: Naunyn-Schmiedeberg's Archives of Pharmacology, (March,
2002) Vol. 365, No. Supplement 1, pp. R111. print.
Meeting Info.: 43rd Spring Meeting of the German Society
for Experimental and Clinical Pharmacology and Toxicology
Mainz, Germany March 12-14, 2002
ISSN: 0028-1298.
DOCUMENT TYPE: Conference
LANGUAGE: English

=> d 3 ibib

L11 ANSWER 3 OF 42 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:635880 CAPLUS
DOCUMENT NUMBER: 135:200473
TITLE: Methods and compositions based on insulin-sensitivity
increasing substances for the treatment of alopecia
and other disorders of the pilosebaceous apparatus
INVENTOR(S): Krajcik, Rozlyn A.; Orentreich, Norman
PATENT ASSIGNEE(S): Orentreich Foundation for the Advancement of Science,
Inc., USA
SOURCE: PCT Int. Appl., 22 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001062237	A2	20010830	WO 2001-US5653	20010223
WO 2001062237	A3	20020613		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 2002143039	A1	20021003	US 2002-73607	20020211
PRIORITY APPLN. INFO.:			US 2000-184398P	P 20000223
			WO 2001-US5653	A1 20010223

=> d 4 ibib

L11 ANSWER 4 OF 42 USPATFULL
ACCESSION NUMBER: 2001:82936 USPATFULL

TITLE: Phenylimidazolidines containing nitrooxy or carbonyloxy groups
 INVENTOR(S): Claussner, Andre, Villemomble, France
 Goubet, Francois, Paris, France
 Teutsch, Jean-Georges, Pantin, France
 PATENT ASSIGNEE(S): Hoechst Marion Roussel, France (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6242611	B1	20010605
	WO 9723464		19970703
APPLICATION INFO.:	US 1998-101027		19980928 (9)
	WO 1996-FR2029		19961219
			19980928 PCT 371 date
			19980928 PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	FR 1995-15323	19951222
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Higel, Floyd D.	
LEGAL REPRESENTATIVE:	Bierman, Muserlian and Lucas	
NUMBER OF CLAIMS:	6	
EXEMPLARY CLAIM:	1	
LINE COUNT:	827	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 5 ibib

L11 ANSWER 5 OF 42 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE
 1
 ACCESSION NUMBER: 2001:253613 BIOSIS
 DOCUMENT NUMBER: PREV200100253613
 TITLE: Synthesis and structure: Activity studies of side-chain derivatized arylhydantoins for investigation as androgen receptor radioligands.
 AUTHOR(S): Van Dort, Marcian E. (1); Jung, Yong-Woon
 CORPORATE SOURCE: (1) Division of Nuclear Medicine, Department of Radiology, University of Michigan Medical School, 3480 Kresge III Building, Ann Arbor, MI, 48109-0552: mvandort@umich.edu
 USA
 SOURCE: Bioorganic & Medicinal Chemistry Letters, (23 April, 2001) Vol. 11, No. 8, pp. 1045-1047. print.
 ISSN: 0960-894X.
 DOCUMENT TYPE: Article
 LANGUAGE: English
 SUMMARY LANGUAGE: English

=> d 6 ibib

L11 ANSWER 6 OF 42 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 ACCESSION NUMBER: 2001:392669 BIOSIS
 DOCUMENT NUMBER: PREV200100392669
 TITLE: Development of radioiodinated nonsteroidal androgen receptor ligands for SPECT imaging of prostate cancer.
 AUTHOR(S): Van Dort, M. E. (1); Jung, Y.-W. (1); Sherman, P. S. (1);

Kuszpit, K. K. (1)
 CORPORATE SOURCE: (1) Division of Nuclear Medicine, Department of Radiology,
 University of Michigan Medical School, Ann Arbor, MI,
 48109-0552 USA
 SOURCE: Journal of Labelled Compounds and Radiopharmaceuticals,
 (May, 2001) Vol. 44, No. Supplement 1, pp. S327-S329.
 print.
 Meeting Info.: Fourteenth International Symposium on
 Radiopharmaceutical Chemistry Interlaken, Switzerland June
 10-15, 2001
 ISSN: 0362-4803.
 DOCUMENT TYPE: Conference
 LANGUAGE: English
 SUMMARY LANGUAGE: English

=> d 7 ibib

L11 ANSWER 7 OF 42 CAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 2000:290803 CAPLUS
 DOCUMENT NUMBER: 132:325812
 TITLE: Preparations for topical application of substances
 having antiandrogenic effect
 INVENTOR(S): Kraemer, Karl Theodor; Bohn, Manfred
 PATENT ASSIGNEE(S): Aventis Pharma Deutschland G.m.b.H., Germany
 SOURCE: PCT Int. Appl., 28 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000024366	A1	20000504	WO 1999-EP7660	19991012
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
DE 19848856	A1	20000427	DE 1998-19848856	19981023
DE 19900749	A1	20000713	DE 1999-19900749	19990112
EP 1123082	A1	20010816	EP 1999-953787	19991012
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002528401	T2	20020903	JP 2000-577977	19991012
PRIORITY APPLN. INFO.: DE 1998-19848856 A 19981023 DE 1999-19900749 A 19990112 WO 1999-EP7660 W 19991012				

OTHER SOURCE(S): MARPAT 132:325812
 REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

=> d 8 ibib

L11 ANSWER 8 OF 42 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:275348 CAPLUS
DOCUMENT NUMBER: 132:298839
TITLE: Preparations for the topical application of
antiandrogens
INVENTOR(S): Kraemer, Karl Theodor; Bohn, Manfred
PATENT ASSIGNEE(S): Aventis Pharma Deutschland G.m.b.H., Germany
SOURCE: Ger. Offen., 8 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19848856	A1	20000427	DE 1998-19848856	19981023
WO 2000024366	A1	20000504	WO 1999-EP7660	19991012
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1123082	A1	20010816	EP 1999-953787	19991012
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002528401	T2	20020903	JP 2000-577977	19991012
PRIORITY APPLN. INFO.:			DE 1998-19848856 A	19981023
			DE 1999-19900749 A	19990112
			WO 1999-EP7660 W	19991012
OTHER SOURCE(S):		MARPAT 132:298839		

=> d 9 ibib

L11 ANSWER 9 OF 42 USPATFULL

ACCESSION NUMBER: 2000:170670 USPATFULL
TITLE: Cosmetic or pharmaceutical compositions
INVENTOR(S): Dubois, Jean-Luc, Paris, France
PATENT ASSIGNEE(S): Hoechst Marion Roussel, France (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6162444		20001219
APPLICATION INFO.:	US 1995-383912		19950206 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	FR 1994-1755	19940216
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Page, Thurman K.	
LEGAL REPRESENTATIVE:	Bierman, Muserlian and Lucas	
NUMBER OF CLAIMS:	7	
EXEMPLARY CLAIM:	1	

LINE COUNT: 658
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

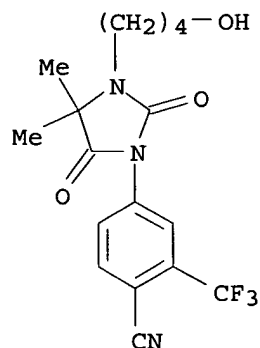
=> d 9 abs hitstr

L11 ANSWER 9 OF 42 USPATFULL

AB A cosmetic or pharmaceutical composition containing a dermatologically effective amount of at least one liposome containing a compound of the formula ##STR1##

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 154992-24-2P, 4-(4,4-Dimethyl 2,5-dioxo 3-(4-hydroxybutyl) 1-imidazolidinyl) 2-(trifluoromethyl) benzonitrile (pharmaceutical and cosmetic liposomes contg. benzonitrile derivs.)
RN 154992-24-2 USPATFULL
CN Benzonitrile, 4-[3-(4-hydroxybutyl)-4,4-dimethyl-2,5-dioxo-1-imidazolidinyl]-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)



=> d 10 ibib

L11 ANSWER 10 OF 42 USPATFULL

ACCESSION NUMBER: 2000:109992 USPATFULL
TITLE: Phenylimidazolidine preparation process
INVENTOR(S): Bouchet, Raphael, Pantin, France
Delthil, Michel, Noisy-le-Sec, France
Guilmard, Daniel, Roissy-en-Brie, France
Mackiewicz, Philippe, Livry-Gargan, France
PATENT ASSIGNEE(S): Hoechst Marion Roussel, France (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6107488		20000822
	WO 9718197		19970522
APPLICATION INFO.:	US 1998-68846		19980610 (9)
	WO 1996-FR1794		19961114
			19980515 PCT 371 date
			19980515 PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	FR 1995-13589	19951116
DOCUMENT TYPE:	Utility	

FILE SEGMENT: Granted
PRIMARY EXAMINER: Higel, Floyd D.
LEGAL REPRESENTATIVE: Bierman, Muserlian and Lucas
NUMBER OF CLAIMS: 9
EXEMPLARY CLAIM: 1
LINE COUNT: 1167
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 10 abs hitstr

L11 ANSWER 10 OF 42 USPATFULL

AB A subject of the invention is a preparation process for the products of formula (I): ##STR1## in which R.sub.1 and R.sub.2 represent in particular hydrogen, cyano, halogen or amino, R.sub.3 represents in particular hydrogen or hydroxyl alkyl,

R.sub.4 and R.sub.5 represent in particular optionally substituted alkyl,

X and y represent oxygen or sulphur, characterized in that a product of formula (A): ##STR2## is prepared in which W represents a halogen atom or a hydantoin derivative,

which is subjected to various reactions in order to obtain the products of formula (I), all their isomers and their salts.

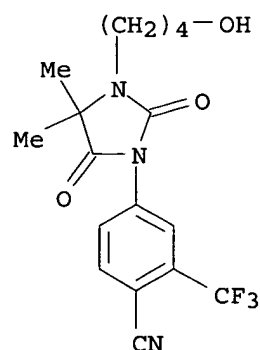
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 154992-24-2P

(prepn. of trifluoromethylphenylimidazolidinediones)

RN 154992-24-2 USPATFULL

CN Benzonitrile, 4-[3-(4-hydroxybutyl)-4,4-dimethyl-2,5-dioxo-1-imidazolidinyl]-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)



=> d 11 ibib

L11 ANSWER 11 OF 42 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:584365 CAPLUS

DOCUMENT NUMBER: 133:264140

TITLE: Androgen binding profiles of two distinct nuclear androgen receptors in Atlantic croaker (Micropogonias undulatus)

AUTHOR(S): Sperry, Todd S.; Thomas, Peter

CORPORATE SOURCE: Department of Marine Science, The University of Texas
Marine Science Institute, The University of Texas at
Austin, Port Aransas, TX, 78373, USA
SOURCE: Journal of Steroid Biochemistry and Molecular Biology
(2000), 73(3-4), 93-103
CODEN: JSBBEZ; ISSN: 0960-0760
PUBLISHER: Elsevier Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR
THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

=> d 12 ibib

L11 ANSWER 12 OF 42 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2000:180793 BIOSIS
DOCUMENT NUMBER: PREV200000180793
TITLE: Roles of testosterone in the growth of keratinocytes
through bald frontal dermal papilla cells.
AUTHOR(S): Pan, Huei-Ju; Uno, Hideo; Inui, Shigeki; Fulmer, Noriko
O.;
Chang, Chawnshang (1)
CORPORATE SOURCE: (1) Department of Pathology, University of Rochester
Medical Center, 601 Elmwood Avenue, Rochester, NY, 14642
USA
SOURCE: Endocrine, (Dec., 1999) Vol. 11, No. 3, pp. 321-327.
ISSN: 1355-008X.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English

=> d 13 ibib

L11 ANSWER 13 OF 42 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 2
ACCESSION NUMBER: 1998:414258 CAPLUS
DOCUMENT NUMBER: 129:144620
TITLE: Promotion of agonist activity of antiandrogens by the
androgen receptor coactivator, ARA70, in human
prostate cancer DU145 cells
AUTHOR(S): Miyamoto, Hiroshi; Yeh, Shuyuan; Wilding, George;
Chang, Chawnshang
CORPORATE SOURCE: George Whipple Laboratory for Cancer Research,
Departments of Pathology, Urology, and Biochemistry,
University of Rochester Medical Center, Rochester,
NY,
14642, USA
SOURCE: Proceedings of the National Academy of Sciences of
the
United States of America (1998), 95(13), 7379-7384
CODEN: PNASA6; ISSN: 0027-8424
PUBLISHER: National Academy of Sciences
DOCUMENT TYPE: Journal
LANGUAGE: English

=> d 14 ibib

L11 ANSWER 14 OF 42 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 1998:248597 BIOSIS
DOCUMENT NUMBER: PREV199800248597
TITLE: The effect of topical RU58841 (androgen receptor blocker)
combined with minoxidil on hair growth in macaque
androgenetic alopecia.
AUTHOR(S): Imamura, K. (1); Bonfils, A.; Diani, A.; Uno, H.
CORPORATE SOURCE: (1) Wis. Primate Res. Cent., Univ. Wis., Madison, WI USA
SOURCE: Journal of Investigative Dermatology, (April, 1998) Vol.
110, No. 4, pp. 679.
Meeting Info.: Annual Meeting of the International
Investigative Dermatology Cologne, Germany May 7-10, 1998
The Society for Investigative Dermatology, Inc.
. ISSN: 0022-202X.
DOCUMENT TYPE: Conference
LANGUAGE: English

=> d 14 abs hitstr
'HITSTR' IS NOT A VALID FORMAT
In a multifile environment, a format can only be used if it is valid
in at least one of the files. Refer to file specific help messages
or the STNGUIDE file for information on formats available in
individual files.
REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):end

=> d 15 ibib

L11 ANSWER 15 OF 42 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 1998:293202 BIOSIS
DOCUMENT NUMBER: PREV199800293202
TITLE: The effect of topical RU58841 (androgen receptor blocker)
combined with minoxidil on hair growth in macaque
androgenetic alopecia.
AUTHOR(S): Imamura, K. (1); Bonfils, A.; Diani, A.; Uno, H.
CORPORATE SOURCE: (1) Wisconsin Primate Res. Cent., Univ. Wisconsin,
Madison,
WI USA
SOURCE: Journal of Dermatological Science, (March, 1998) Vol. 16,
No. SUPPL. 1, pp. S207.
Meeting Info.: Third Joint Meeting of the European Society
for Dermatological Research, Japanese Society for
Investigative Dermatology, Society for Investigative
Dermatology Cologne, Germany May 7-10, 1998 European
Society for Dermatological Research
. ISSN: 0923-1811.
DOCUMENT TYPE: Conference
LANGUAGE: English

=> d 16 ibib

L11 ANSWER 16 OF 42 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 3
ACCESSION NUMBER: 1998:623077 CAPLUS
DOCUMENT NUMBER: 129:326057
TITLE: Evaluation of RU58841 as an anti-androgen in prostate
PC3 cells and a topical anti-alopecia agent in the
bald scalp of stump-tailed macaques
AUTHOR(S): Pan, Huei-Ju; Wilding, George; Uno, Hideo; Inui,

Shigeki; Goldsmith, Lowell; Messing, Edward; Chang, Chawnshang
 CORPORATE SOURCE: George Whipple Laboratory for Cancer Research, Departments of Pathology, Urology, Dermatology and Radiation Oncology, University of Rochester Medical Center, Rochester, NY, 14642, USA
 SOURCE: Endocrine (1998), 9(1), 39-43
 CODEN: EOCRE5; ISSN: 1355-008X
 PUBLISHER: Humana Press Inc.
 DOCUMENT TYPE: Journal
 LANGUAGE: English

=> d 17 ibib

L11 ANSWER 17 OF 42 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 ACCESSION NUMBER: 1998:294252 BIOSIS
 DOCUMENT NUMBER: PREV199800294252
 TITLE: The androgen receptor coactivator, ARA70, enhances the agonist activity of antiandrogens on the androgen receptor in human prostate cancer DU145 cells.
 AUTHOR(S): Miyamoto, Hiroshi; Yeh, Shuyuan; Wang, Chihuei; Chang, Chawnshang
 CORPORATE SOURCE: Rochester, NY USA
 SOURCE: Journal of Urology, (May, 1998) Vol. 159, No. 5 SUPPL., pp.
 2.
 Meeting Info.: 93rd Annual Meeting of the American Urological Association, Inc. San Diego, California, USA
 May
 30-June 4, 1998 American Urological Association
 . ISSN: 0022-5347.
 DOCUMENT TYPE: Conference
 LANGUAGE: English

=> d 18 ibib

L11 ANSWER 18 OF 42 CAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1997:506690 CAPLUS
 DOCUMENT NUMBER: 127:121730
 TITLE: Preparation of phenylimidazolidines and their use as antiandrogenic agents
 INVENTOR(S): Claussner, Andre; Goubet, Francois; Teutsch, Jean-Georges
 PATENT ASSIGNEE(S): Roussel-UCLAF, Fr.; Claussner, Andre; Goubet, Francois; Teutsch, Jean-Georges
 SOURCE: PCT Int. Appl., 42 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9723464	A1	19970703	WO 1996-FR2029	19961219
W:	AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ,			

TM

RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR,
 IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML,
 MR, NE, SN, TD, TG

FR 2742749	A1	19970627	FR 1995-15323	19951222
FR 2742749	B1	19980206		
ZA 9610418	A	19971211	ZA 1996-10418	19961211
AU 9711807	A1	19970717	AU 1997-11807	19961219
EP 869946	A1	19981014	EP 1996-942431	19961219
EP 869946	B1	20011031		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE,

FI

JP 2000502669	T2	20000307	JP 1997-523359	19961219
AT 207906	E	20011115	AT 1996-942431	19961219
ES 2163665	T3	20020201	ES 1996-942431	19961219
US 6242611	B1	20010605	US 1998-101027	19980928

PRIORITY APPLN. INFO.: FR 1995-15323 A 19951222
 WO 1996-FR2029 W 19961219

OTHER SOURCE(S): MARPAT 127:121730

=> d 19 ibib

L11 ANSWER 19 OF 42 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1997:436105 CAPLUS

DOCUMENT NUMBER: 127:50639

TITLE: New process for the preparation of
 phenylimidazolidine derivatives

INVENTOR(S): Bouchet, Raphael; Delthil, Michel; Guilmard, Daniel;
 Mackiewicz, Philippe

PATENT ASSIGNEE(S): Roussel-UCLAF, Fr.; Bouchet, Raphael; Delthil,
 Michel;
 Guilmard, Daniel; Mackiewicz, Philippe

SOURCE: PCT Int. Appl., 52 pp.
 CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9718197	A1	19970522	WO 1996-FR1794	19961114
W:				
AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP,				
KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG,				
SI, SK, TR, TT, UA, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ,				

TM

RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR,
 IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML,
 MR, NE, SN, TD, TG

FR 2741346	A1	19970523	FR 1995-13589	19951116
FR 2741346	B1	19971219		
TW 404942	B	20000911	TW 1996-85113495	19961105
ZA 9609442	A	19971111	ZA 1996-9442	19961111
CA 2235335	AA	19970522	CA 1996-2235335	19961114
AU 9675773	A1	19970605	AU 1996-75773	19961114
AU 718832	B2	20000420		
EP 877738	A1	19981118	EP 1996-938306	19961114

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE,
 SI, FI

CN 1207732	A	19990210	CN 1996-199660	19961114
BR 9611573	A	19990511	BR 1996-11573	19961114
JP 2000500150	T2	20000111	JP 1997-518630	19961114
NO 9802237	A	19980710	NO 1998-2237	19980515
US 6107488	A	20000822	US 1998-68846	19980610
PRIORITY APPLN. INFO.:			FR 1995-13589	A 19951116
			WO 1996-FR1794	W 19961114
OTHER SOURCE(S):			MARPAT 127:50639	

=> d 20 ibib

L11 ANSWER 20 OF 42 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 4
 ACCESSION NUMBER: 1997:778747 CAPLUS
 DOCUMENT NUMBER: 128:57312
 TITLE: A controlled study of the effects of RU58841, a non-steroidal antiandrogen, on human hair production by balding scalp grafts maintained on testosterone-conditioned nude mice
 AUTHOR(S): De Brouwer, B.; Tetelin, C.; Leroy, T.; Bonfils, A.; Van Neste, D.
 CORPORATE SOURCE: Skin Study Centre, Tournai, B 7500, Belg.
 SOURCE: British Journal of Dermatology (1997), 137(5), 699-702
 CODEN: BJDEAZ; ISSN: 0007-0963
 PUBLISHER: Blackwell Science Ltd.
 DOCUMENT TYPE: Journal
 LANGUAGE: English

=> d 21 ibib

L11 ANSWER 21 OF 42 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 ACCESSION NUMBER: 1997:235210 BIOSIS
 DOCUMENT NUMBER: PREV199799534413
 TITLE: Dose-dependent and long term effects of RU58841 (androgen receptor blocker) on hair growth in the bald stumptailed macaque.
 AUTHOR(S): Uno, Hideo (1); Ye, Fangfang; Imamura, Koji; Obana, Noriko;
 Bonfils, Armela
 CORPORATE SOURCE: (1) Reginal Primate Res. Cent., Univ. Wis., Madison, WI USA
 SOURCE: Journal of Investigative Dermatology, (1997) Vol. 108, No. 4, pp. 651.
 Meeting Info.: Annual Meeting of the Society for Investigative Dermatology Washington, D.C., USA April 23-27, 1997
 ISSN: 0022-202X.
 DOCUMENT TYPE: Conference; Abstract; Conference
 LANGUAGE: English

=> d 22 ibib

L11 ANSWER 22 OF 42 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 5
 ACCESSION NUMBER: 1997:247853 CAPLUS
 DOCUMENT NUMBER: 126:255358
 TITLE: Importance of Sebaceous Glands in Cutaneous Penetration of an Antiandrogen: Target Effect of

AUTHOR(S): Liposomes
 Bernard, Emmanuelle; Dubois, Jean-Luc; Wepierre, Jacques
 CORPORATE SOURCE: Laboratoire de dermopharmacologie, Faculte de Pharmacie, Chatenay-Malabry, 92290, Fr.
 SOURCE: Journal of Pharmaceutical Sciences (1997), 86(5), 573-578
 CODEN: JPMSAE; ISSN: 0022-3549
 PUBLISHER: American Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English

=> d 23 ibib

L11 ANSWER 23 OF 42 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 6
 ACCESSION NUMBER: 1997:3498 CAPLUS
 DOCUMENT NUMBER: 126:55050
 TITLE: Inhibition of hair growth by testosterone in the presence of dermal papilla cells from the frontal

bald
 scalp of the postpubertal stump-tailed macaque
 AUTHOR(S): Obana, Noriko; Chang, Chawmshang; Uno, Hideo
 CORPORATE SOURCE: Regional Primate Research Center, University of Wisconsin, Madison, WI, 53715-1299, USA
 SOURCE: Endocrinology (1997), 138(1), 356-361
 CODEN: ENDOAO; ISSN: 0013-7227
 PUBLISHER: Endocrine Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English

=> d 24 ibib

L11 ANSWER 24 OF 42 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 7
 ACCESSION NUMBER: 1998:38832 CAPLUS
 DOCUMENT NUMBER: 128:97823
 TITLE: Effects of topical antiandrogen and 5-alpha-reductase inhibitors on sebaceous glands in male fuzzy rats
 AUTHOR(S): Ye, Fang Fang; Imamura, Koji; Imanishi, Noriko; Rhodes, Linda; Uno, Hideo
 CORPORATE SOURCE: Wisconsin Regional Primate Research Center, Univ. Wisconsin, Madison, WI, 53715, USA
 SOURCE: Skin Pharmacology (1997), 10(5/6), 288-297
 CODEN: SKPHEU; ISSN: 1011-0283
 PUBLISHER: S. Karger AG
 DOCUMENT TYPE: Journal
 LANGUAGE: English

=> d 25 ibib

L11 ANSWER 25 OF 42 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 ACCESSION NUMBER: 1996:557468 BIOSIS
 DOCUMENT NUMBER: PREV199699279824
 TITLE: RU58841 a new therapeutic agent affecting androgen receptor
 molecular interactions in human hair follicles.
 AUTHOR(S): Sawaya, M. E.
 CORPORATE SOURCE: Univ. Florida Health Sci. Cent., Gainesville, FL 32610 USA

SOURCE: van Neste, D. [Editor]; Randall, V. A. [Editor].
International Congress Series, (1996) No. 1111, pp.
355-358. International Congress Series; Hair research for
the next millenium.
Publisher: Elsevier Science Publishers B.V. PO Box 211,
Sara Burgerhartstraat 25, 1000 AE Amsterdam, Netherlands.
Meeting Info.: First Tricontinental Meeting of Hair
Research Societies Brussels, Belgium October 8-10, 1995
ISSN: 0531-5131. ISBN: 0-444-82336-0.
DOCUMENT TYPE: Book; Conference
LANGUAGE: English

=> d 26 ibib

L11 ANSWER 26 OF 42 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 1996:557467 BIOSIS
DOCUMENT NUMBER: PREV199699279823
TITLE: Stimulation of follicular regrowth by androgen receptor
blocker (RU58841) in macaque androgenetic alopecia.
AUTHOR(S): Uno, H. (1); Obana, N. (1); Cappas, A. (1); Bonfils, A.;
Battmann, T.; Philibert, D.
CORPORATE SOURCE: (1) Wisconsin Regional Primate Res. Cent., Univ.
Wisconsin,
1223 Capitol Court, Madison, WI 53715 USA
SOURCE: van Neste, D. [Editor]; Randall, V. A. [Editor].
International Congress Series, (1996) No. 1111, pp.
349-353. International Congress Series; Hair research for
the next millenium.
Publisher: Elsevier Science Publishers B.V. PO Box 211,
Sara Burgerhartstraat 25, 1000 AE Amsterdam, Netherlands.
Meeting Info.: First Tricontinental Meeting of Hair
Research Societies Brussels, Belgium October 8-10, 1995
ISSN: 0531-5131. ISBN: 0-444-82336-0.
DOCUMENT TYPE: Book; Conference
LANGUAGE: English

=> d 27 ibib

L11 ANSWER 27 OF 42 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1996:687136 CAPLUS
DOCUMENT NUMBER: 126:11463
TITLE: Phospholipid/drug interactions in liposomes studied
by
rheological properties of monolayers
AUTHOR(S): Doisy, A.; Proust, J. E.; Ivanova, Tz.; Panaiotov,
I.;
Dubois, J. L.
CORPORATE SOURCE: Faculte de Pharmacie, Angers, 49100, Fr.
SOURCE: Langmuir (1996), 12(25), 6098-6103
CODEN: LANGD5; ISSN: 0743-7463
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English

=> d 28 ibib

L11 ANSWER 28 OF 42 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1996:248369 BIOSIS
DOCUMENT NUMBER: PREV199698804498
TITLE: Age-dependency of dermal papilla cells for
testosterone-induced inhibition of follicular cell
proliferation.
AUTHOR(S): Obana, Noriko; Uno, Hideo
CORPORATE SOURCE: Regional Primate Res. Cent., Univ. Wis., Madison, WI USA
SOURCE: Journal of Investigative Dermatology, (1996) Vol. 106, No.
4, pp. 862.
Meeting Info.: Annual Meeting of the Society for
Investigative Dermatology Washington, D.C., USA May 1-5,
1996
ISSN: 0022-202X.
DOCUMENT TYPE: Conference
LANGUAGE: English

=> d 29 ibib

L11 ANSWER 29 OF 42 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1996:597924 CAPLUS
DOCUMENT NUMBER: 125:265640
TITLE: RU58841: A new therapeutic agent affecting androgen
receptor molecular interactions in human hair
follicles
AUTHOR(S): Sawaya, M. E.
CORPORATE SOURCE: Health Science Center, University Florida,
Gainesville, FL, 32610, USA
SOURCE: International Congress Series (1996), 1111(Hair
Research for the Next Millenium), 355-358
CODEN: EXMDA4; ISSN: 0531-5131
PUBLISHER: Elsevier
DOCUMENT TYPE: Journal
LANGUAGE: English

=> d 30 ibib

L11 ANSWER 30 OF 42 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1996:597922 CAPLUS
DOCUMENT NUMBER: 125:292740
TITLE: Stimulation of follicular regrowth by androgen
receptor blocker (RU 58841) in macaque androgenetic
alopecia
AUTHOR(S): Uno, H.; Obana, N.; Cappas, A.; Bonfils, A.;
Battmann,
T.; Philibert, D.
CORPORATE SOURCE: Wisconsin Regional Primate Research Center, Univ.
Wisconsin, Madison, WI, 53715, USA
SOURCE: International Congress Series (1996), 1111(Hair
Research for the Next Millenium), 349-353
CODEN: EXMDA4; ISSN: 0531-5131
PUBLISHER: Elsevier
DOCUMENT TYPE: Journal
LANGUAGE: English

=> d 31 ibib

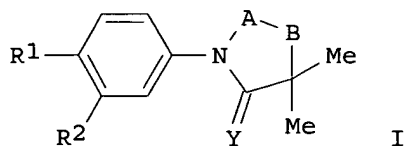
L11 ANSWER 31 OF 42 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 8

ACCESSION NUMBER: 1995:607988 CAPLUS
 DOCUMENT NUMBER: 123:55883
 TITLE: Phenylimidazolidines having antiandrogenic activity
 INVENTOR(S): Gaillard-Kelly, Martine; Goubet, Francois; Philibert, Daniel; Teutsch, Jean Georges
 PATENT ASSIGNEE(S): Roussel-UCLAF, Fr.
 SOURCE: U.S., 28 pp. Cont.-in-part of U.S. Ser. No. 819,910, abandoned.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5411981	A	19950502	US 1993-64257	19930518
FR 2671348	A1	19920710	FR 1991-185	19910109
FR 2671348	B1	19930326		
FR 2693461	A1	19940114	FR 1992-8431	19920708
FR 2693461	B1	19940902		
US 5627201	A	19970506	US 1995-372648	19950113
US 35956	E	19981110	US 1997-807760	19970227
PRIORITY APPLN. INFO.:			FR 1991-185	A 19910109
			US 1992-819910	B2 19920109
			FR 1992-8431	A 19920708
			US 1993-64257	A3 19930518
OTHER SOURCE(S):			MARPAT 123:55883	

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L11 ANSWER 31 OF 42 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 8
 GI



AB Antiandrogenic phenylimidazolidines I are provided wherein R1 is selected from the group consisting of CN, NO2 and halogen, R2 is CF3 or halogen, A-B is C(:X)NR3 or C(SR3):N, X is O or S, R3 is selected from the group consisting of (a) hydrogen, (b) alkyl, alkenyl and alkynyl of up to 12 carbon atoms, (c) Ph and phenylalkyl unsubstituted or substituted with at least one member of the group consisting of OH, halogen, OCH3, CN and haloalkyl, (d) acyl of an org. carboxylic acid of up to 7 carbon atoms, (e) free or salified carboxy, carboxy esterified with alkyl and amidified carboxy, (f) amino and mono and dialkylamino of 1 to 4 carbon atoms and (g) SPh unsubstituted or substituted with at least one member of the group consisting of CF3 and alkyl, alkenyl, alkoxy, alkenyloxy, alkynyl and alkynyloxy of up to 12 carbon atoms with the sulfur unoxidized or oxidized to sulfone or sulfoxide, the alkyl, alkenyl and alkynyl being uninterrupted or interrupted with oxygen, sulfur or nitrogen and Y is O, S

or NH with the provisos that when X is oxygen, R3 is hydrogen and Y is O or NH, then R1 is NO2 or CN and when X is sulfur and Y is O then at least one of the following conditions is satisfied, R1 is CN and R2 is CF3 and their non-toxic, pharmaceutically acceptable acid addn. salts. Thus, e.g., alkylation of 4-(4,4-dimethyl-2,5-dioxo-1-imidazolidinyl)-2-trifluoromethylbenzonitrile (prepn. given) with tert-Bu bromoacetate afforded tert-Bu 3-(4-cyano-3-trifluoromethylphenyl)-5,5-dimethyl-2,4-dioxo-1-imidazolidineacetate (II). Androgen receptor antagonist

activity:

RBA of I was defined as = 100(CH)/(CX), with (CH) and (CX) defined as the concns. of the cold ref. hormones (CH) and the cold test product (CX) which inhibited by 50% the bonding of the tritiated hormone on the receptor; thus, e.g., RBA of II = 31 (RBA of testosterone = 100). Pharmaceutical formulations were given.

IT 154992-24-2P, 4-(4,4-Dimethyl-2,5-dioxo-3-(4-hydroxybutyl)-1-imidazolidinyl)-2-(trifluoromethyl)benzonitrile 155255-70-2P 155255-72-4P

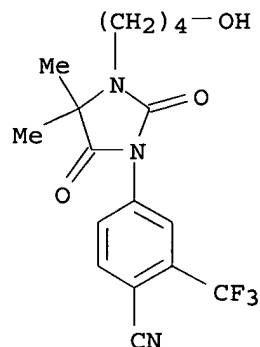
RL: BAC (Biological activity or effector, except adverse); BSU

(Biological

study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (phenylimidazolidines having antiandrogenic activity)

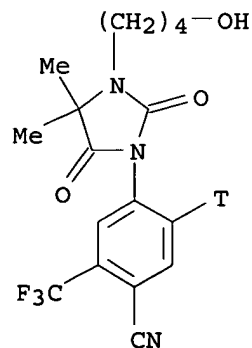
RN 154992-24-2 CAPLUS

CN Benzonitrile, 4-[3-(4-hydroxybutyl)-4,4-dimethyl-2,5-dioxo-1-imidazolidinyl]-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)

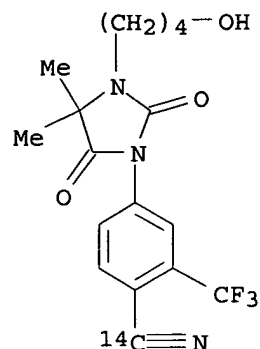


RN 155255-70-2 CAPLUS

CN Benzonitrile-3-t, 4-[3-(4-hydroxybutyl)-4,4-dimethyl-2,5-dioxo-1-imidazolidinyl]-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 155255-72-4 CAPLUS
 CN Benzonitrile-cyano-14C, 4-[3-(4-hydroxybutyl)-4,4-dimethyl-2,5-dioxo-1-imidazolidinyl]-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)



=> d 32 ibib

L11 ANSWER 32 OF 42 CAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1995:951320 CAPLUS
 DOCUMENT NUMBER: 123:350244
 TITLE: Pharmaceutical and cosmetic liposomes containing benzonitrile derivatives
 INVENTOR(S): Dubois, Jean-Luc
 PATENT ASSIGNEE(S): Roussel-UCLAF, Fr.
 SOURCE: Can. Pat. Appl., 31 pp.
 CODEN: CPXXEB
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CA 2141506	AA	19950817	CA 1995-2141506	19950131
FR 2716110	A1	19950818	FR 1994-1755	19940216
FR 2716110	B1	19960405		
US 6162444	A	20001219	US 1995-383912	19950206
EP 671156	A1	19950913	EP 1995-400322	19950215
EP 671156	B1	20011024		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
JP 07309754	A2	19951128	JP 1995-49303	19950215
CN 1112416	A	19951129	CN 1995-101927	19950215
HU 72021	A2	19960328	HU 1995-454	19950215
HU 218578	B	20001028		
RU 2131731	C1	19990620	RU 1995-101833	19950215
AT 207337	E	20011115	AT 1995-400322	19950215
ES 2163478	T3	20020201	ES 1995-400322	19950215
AU 9512277	A1	19950824	AU 1995-12277	19950216
AU 701344	B2	19990128		
ZA 9501281	A	19960216	ZA 1995-1281	19950216
AU 9923880	A1	19990603	AU 1999-23880	19990421
AU 726572	B2	20001109		
PRIORITY APPLN. INFO.:			FR 1994-1755	A 19940216
			AU 1995-12277	A3 19950216

OTHER SOURCE(S): MARPAT 123:350244

=> d 33 ibib

L11 ANSWER 33 OF 42 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 1995:518801 BIOSIS
DOCUMENT NUMBER: PREV199598533101
TITLE: Local inhibition of sebaceous gland growth by topically applied RU 58841.
AUTHOR(S): Matias, Jonathan R. (1); Gaillard, Martine
CORPORATE SOURCE: (1) Nova Biosciences Ltd., 53 Innsburck Blvd., Hopewell Junction, NY 12533 USA
SOURCE: Henderson, D. [Editor]; Philbert, D. [Editor]; Roy, A. K. [Editor]; Teutsch, G. [Editor]. Annals of the New York Academy of Sciences, (1995) Vol. 761, pp. 56-65. Annals of the New York Academy of Sciences; Steroid receptors and antihormones.
Publisher: New York Academy of Sciences 2 East 63rd Street,
New York, New York 10021, USA.
Meeting Info.: Conference Dallas, Texas, USA September 20-23, 1994
ISSN: 0077-8923. ISBN: 0-89766-938-X (paper),
0-89766-937-1 (cloth).
DOCUMENT TYPE: Book; Conference
LANGUAGE: English

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'HITSTR' IS NOT A VALID FORMAT
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L11 ANSWER 33 OF 42 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

=> d 34 ibib

L11 ANSWER 34 OF 42 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1996:139307 CAPLUS
DOCUMENT NUMBER: 124:242023
TITLE: Cutaneous distribution of a new anti-androgen from liposomes and solution in a hairless rat model
AUTHOR(S): Bernard, E.; Dubois, J. -L.; Becourt, P.; Wepierre, J.
CORPORATE SOURCE: Laboratoire de Dermopharmacologie, Universite de Paris-Sud (Paris XI), Chatenay Malabry, 92296, Fr.
SOURCE: World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, 1st, Budapest, May 9-11, 1995 (1995), 717-18. APGI: Chatenay Malabry, Fr.
CODEN: 62JJAQ
DOCUMENT TYPE: Conference
LANGUAGE: English

=> d 35 ibib

L11 ANSWER 35 OF 42 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 1995:283688 BIOSIS
DOCUMENT NUMBER: PREV199598297988
TITLE: Follicular regrowth with 5 alpha-reductase inhibitor
(finasteride) or androgen receptor blocker (RU58841) in
the
bald scalp of the stump-tailed macaque.
AUTHOR(S): Uno, H. (1); Obana, N.; Cappas, A.; Rhodes, L.; Bonfils,
A.
CORPORATE SOURCE: (1) Regional Primate Res. Cent., Univ. Wis., Madison, WI
USA
SOURCE: Journal of Investigative Dermatology, (1995) Vol. 104, No.
4, pp. 638.
Meeting Info.: Annual Meeting of the Society for
Investigative Dermatology Chicago, Illinois, USA May
24-28,
1995
ISSN: 0022-202X.
DOCUMENT TYPE: Conference
LANGUAGE: English

=> d 36 ibib

L11 ANSWER 36 OF 42 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 1995:283378 BIOSIS
DOCUMENT NUMBER: PREV199598297678
TITLE: Significance of RU58841 as a therapeutic agent effecting
androgen receptor molecular interactions in human hair
follicles.
AUTHOR(S): Sawaya, Marty E. (1); Roth, William I.; Hevia, Oscar;
Flowers, Franklin P. (1)
CORPORATE SOURCE: (1) Univ. Fla. Health Sci. Cent., Gainesville, FL 32610
USA
SOURCE: Journal of Investigative Dermatology, (1995) Vol. 104, No.
4, pp. 606.
Meeting Info.: Annual Meeting of the Society for
Investigative Dermatology Chicago, Illinois, USA May
24-28,
1995
ISSN: 0022-202X.
DOCUMENT TYPE: Conference
LANGUAGE: English

=> d 37 ibib

L11 ANSWER 37 OF 42 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 1995:283204 BIOSIS
DOCUMENT NUMBER: PREV199598297504
TITLE: Prevention of acne, hirsutism, and baldness in
experimental
animal models by the topical application of RU 58841, a
pure non-steroidal androgen receptor inhibitor.
AUTHOR(S): Matias, Jonathan R. (1); Gaillard, Martine
CORPORATE SOURCE: (1) Nova Biosci., Norrie Point Res. Stn., Staatsburg, NY

SOURCE: USA
Journal of Investigative Dermatology, (1995) Vol. 104, No. 4, pp. 577.
Meeting Info.: Annual Meeting of the Society for Investigative Dermatology Chicago, Illinois, USA May 24-28, 1995
ISSN: 0022-202X.
DOCUMENT TYPE: Conference
LANGUAGE: English

=> d 38 ibib

L11 ANSWER 38 OF 42 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 9
ACCESSION NUMBER: 1996:44102 CAPLUS
DOCUMENT NUMBER: 124:97494
TITLE: Percutaneous absorption of a new antiandrogen included
in liposomes or in solution
AUTHOR(S): Bernard, E.; Dubois, J. L.; Wepierre, J.
CORPORATE SOURCE: Laboratoire de Dermopharmacologie, Facultede Pharmacie, 5 rue Jean Baptiste Clement, Chatenay - Malabry, 92290, Fr.
SOURCE: International Journal of Pharmaceutics (1995), 126(1,2), 235-43
CODEN: IJPHDE; ISSN: 0378-5173
PUBLISHER: Elsevier
DOCUMENT TYPE: Journal
LANGUAGE: English

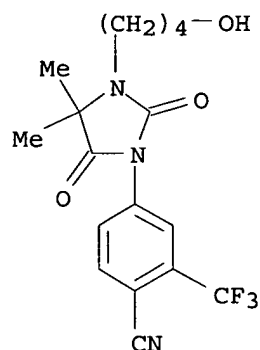
=> d 39 ibib

L11 ANSWER 39 OF 42 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 10
ACCESSION NUMBER: 1995:917564 CAPLUS
DOCUMENT NUMBER: 124:1032
TITLE: Local inhibition of sebaceous gland growth by topically applied RU 58841
AUTHOR(S): Matias, Jonathan R.; Gaillard, Martine
CORPORATE SOURCE: Nova Biosciences, Norrie Point Research Station, Staatsburg, NY, 12553, USA
SOURCE: Annals of the New York Academy of Sciences (1995), 761(Steroid Receptors and Antihormones), 56-65
CODEN: ANYAA9; ISSN: 0077-8923
PUBLISHER: New York Academy of Sciences
DOCUMENT TYPE: Journal
LANGUAGE: English

=> d 39 abs hitstr

L11 ANSWER 39 OF 42 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 10
AB The biol. activity of a series of nonsteroidal, pure androgen receptor inhibitors was compared using the Syrian hamster ear skin sebaceous gland model. The order of potency of examd. compds. was RU 58841 > RU 56187 > RU 38882 > cyproterone acetate. Maximal redn. of 60% in size of sebaceous glands was obsd. in hamsters treated with RU 58841 at a dose of 10 .mu.g/day. RU 58841 shows excellent potential as a topical drug for the

treatment of acne and other androgen-mediated disorders.
 IT 154992-24-2, RU 58841
 RL: BAC (Biological activity or effector, except adverse); BSU
 (Biological
 study, unclassified); THU (Therapeutic use); BIOL (Biological study);
 USES
 (Uses)
 (antiandrogen RU 58841 topical application inhibition of sebaceous
 gland growth in hamster model)
 RN 154992-24-2 CAPLUS
 CN Benzonitrile, 4-[3-(4-hydroxybutyl)-4,4-dimethyl-2,5-dioxo-1-
 imidazolidinyl]-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)



=> d 40 ibib

L11 ANSWER 40 OF 42 CAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1994:323568 CAPLUS
 DOCUMENT NUMBER: 120:323568
 TITLE: Preparation of phenylimidazolidines as antiandrogens
 INVENTOR(S): Gaillard-Kelly, Martine; Goubet, Francois; Philibert,
 Daniel; Teutsch, Jean Georges
 PATENT ASSIGNEE(S): Roussel-UCLAF, Fr.
 SOURCE: Eur. Pat. Appl., 36 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

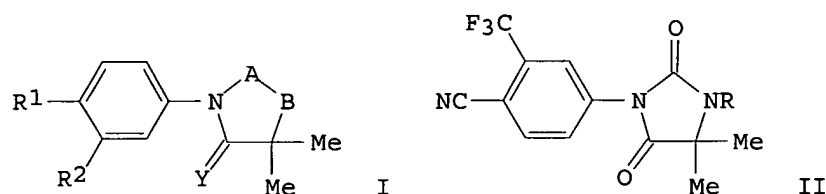
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 580459	A1	19940126	EP 1993-401361	19930528
EP 580459	B1	20010328		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
FR 2693461	A1	19940114	FR 1992-8431	19920708
FR 2693461	B1	19940902		
CA 2097248	AA	19940109	CA 1993-2097248	19930528
CN 1081182	A	19940126	CN 1993-106567	19930528
CN 1044234	B	19990721		
HU 64527	A2	19940128	HU 1993-1585	19930528
JP 06073017	A2	19940315	JP 1993-148371	19930528
ZA 9303786	A	19940530	ZA 1993-3786	19930528
RU 2116298	C1	19980727	RU 1993-5350	19930528

AT 200077	E	20010415	AT 1993-401361	19930528
ES 2155067	T3	20010501	ES 1993-401361	19930528
AU 9339876	A1	19940113	AU 1993-39876	19930531
AU 670942	B2	19960808		

PRIORITY APPLN. INFO.: FR 1992-8431 A 19920708
 OTHER SOURCE(S): MARPAT 120:323568

=> d 40 abs hitstr

L11 ANSWER 40 OF 42 CAPLUS COPYRIGHT 2002 ACS
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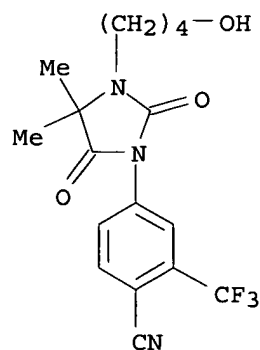
AB The title compds. I [R1 = cyano, nitro, etc.; R2 = CF3, halo; AB = C(:X)NR3, etc.; X = O, S; R3 = H, (substituted) alkyl, alkenyl, etc.; Y = O, S, etc.; a proviso is given] are prep'd. Treatment of imidazolidine II (R = H) with NaH in DMF, followed by reaction with BrCH2CO2Bu-tert, gave, after workup, II (R = CH2CO2Bu-tert). The relative binding affinities of I for the androgen receptor were 28 - 300, vs. 100 for testosterone.

IT 154992-24-2P

RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)

RN 154992-24-2 CAPLUS

CN Benzonitrile, 4-[3-(4-hydroxybutyl)-4,4-dimethyl-2,5-dioxo-1-imidazolidinyl]-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)

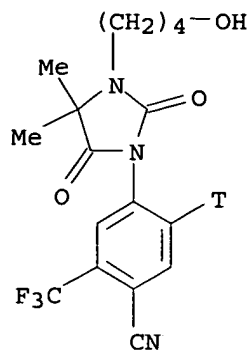


IT 155255-70-2P 155255-72-4P

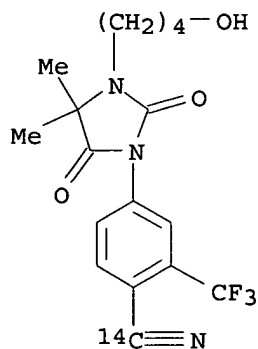
RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of, as antiandrogen)

RN 155255-70-2 CAPLUS

CN Benzonitrile-3-t, 4-[3-(4-hydroxybutyl)-4,4-dimethyl-2,5-dioxo-1-imidazolidinyl]-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 155255-72-4 CAPLUS
 CN Benzonitrile-cyano- ^{14}C , 4-[3-(4-hydroxybutyl)-4,4-dimethyl-2,5-dioxo-1-imidazolidinyl]-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)



=> d 41 ibib

L11 ANSWER 41 OF 42 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 11
 ACCESSION NUMBER: 1994:289840 CAPLUS
 DOCUMENT NUMBER: 120:289840
 TITLE: RU 58841, a new specific topical antiandrogen: a candidate of choice for the treatment of acne, androgenetic alopecia and hirsutism
 AUTHOR(S): Battmann, T.; Bonfils, A.; Branche, C.; Humbert, J.; Goubet, F.; Teutsch, G.; Philibert, D.
 CORPORATE SOURCE: Centre Recherches Roussel Uclaf, Romainville, 93230, Fr.
 SOURCE: Journal of Steroid Biochemistry and Molecular Biology (1994), 48(1), 55-60
 CODEN: JSBBEZ; ISSN: 0960-0760
 DOCUMENT TYPE: Journal
 LANGUAGE: English

=> d 42 ibib

L11 ANSWER 42 OF 42 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 12
 ACCESSION NUMBER: 1995:204076 CAPLUS

DOCUMENT NUMBER: 122:23788
 TITLE: Preliminary pharmacokinetics and metabolism of novel non-steroidal antiandrogens in the rat: relation of their systemic activity to the formation of a common metabolite
 AUTHOR(S): Cousty-Berlin, D.; Bergaud, B.; Bruyant, M. C.; Battmann, T.; Branche, C.; Philibert, D.
 CORPORATE SOURCE: Centre de Recherches Roussel Uclaf, Romainville, 93235, Fr.
 SOURCE: Journal of Steroid Biochemistry and Molecular Biology (1994), 51(1/2), 47-56
 CODEN: JSBBEZ; ISSN: 0960-0760
 PUBLISHER: Elsevier
 DOCUMENT TYPE: Journal
 LANGUAGE: English

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